

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Joseph Wrkich on 4/14/09.

The application has been amended as follows:

1. Claim 4, line 20, **insert** -- according to an overcurrent detection result from the overcurrent detection circuit and -- **after** "constant current".
2. Claim 7, line 1, **change** "3" to -- 4 --.

Reasons for Allowance

1. Claims 1-7 are allowed.
2. The following is an examiner's statement of reasons for allowance:

The reasons for allowance of Claims 1-7 were previously provided in the Office action mailed on 2/4/2009.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Amendment

Information Disclosure Statement

3. The information disclosure statement (IDS) submitted on 3/27/09 was filed after the mailing date of the Ex parte Quayle action on 2/4/09. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Drawings

4. The amended drawings submitted on 4/3/09 are accepted.

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MATTHEW GRUBB whose telephone number is

(571)270-5710. The examiner can normally be reached on Monday-Thursday 8am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TU NGUYEN can be reached on 571-272-2424. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thuy Vinh Tran/
Supervisory Patent Examiner, Art Unit 4176
04/16/09

/M. G./
Examiner, Art Unit 4126
4/13/09